

Storage Management Tip Sheet

The Storage Management Tip Sheet has been developed to provide you with tools and information to better manage storage utilization at your agency. Please contact your Customer Account Manager (CAM) if you have any questions.

This issue: Avamar backup and restore services

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At a glance ...

- Avamar is the enterprise solution and standard for backup and restore of remote servers (servers not at the Commonwealth Enterprise Solutions Center (CESC))
- Reports are available to verify backup status
- Legacy tape backup systems are gradually being transitioned to Avamar

Avamar backup and restore services

What is Avamar?

- The enterprise-wide backup and restore solution for servers outside of CESC
- A hardware and software solution from EMC corporation

How does it work?

- Backs up servers daily over the network
- Only copies data that has changed, dramatically reducing the amount of data sent over the network
- Managed centrally at CESC

Backup

- A moment-in-time copy of data
- Avamar sends all changes to the backup server daily
- Any or all files can be restored from any daily backup
- Avamar provides full backups daily
- Data is replicated offsite to a mirror Avamar grid for ensured data protection
- Having backup does not mean data is covered under disaster recovery services nor is it a substitute for archiving

Restore

- Capable of restoring data to the same or alternate server of any or all files from a specific backup date and time
- Restores over the network
- For large restores over slow networks, restore at CESC may be used to limit data sent over the network
 - Restore to USB attachable drive and transport to site
 - Restore to new server built at CESC and transport to site